



PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

(Case No. 97,429)

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In re Application of:)

R.D. Gilmore et al.)

Serial No. 09 004,395)

Examiner: N. Minnifield

Filing Date: January 8, 1998)

Group Art Unit: 1645

For: RECOMBINANT P37/FLAA AS A)
DIAGNOSTIC REAGENT)

AMENDMENT UNDER RULE 116

Assistant Commissioner for Patents
BOX AF
Washington, DC 20231

Sir:

This is in response to the Final Office action dated May 23, 2000. A Petition for an extension of time (three months), a Notice of appeal, a fourth Supplemental Information Disclosure Statement, a PTO 1449 form, and requisite fees are attached herewith.

IN THE CLAIMS

Please cancel claims 19, 27, and 30 and amend the claims as shown below. A clean copy of the claims, after amendment, is attached as Appendix A.

14. (Twice amended) A diagnostic reagent for early detection of Lyme disease comprising a recombinant FlaA [or P37] protein.

15. (Twice amended) The diagnostic reagent of claim 14, wherein said recombinant protein comprises an [having the partial] amino acid sequence as shown in SEQ ID NO.2 and

17. (Twice amended) The diagnostic reagent as in claim 16 wherein [the FlaA or P37

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